

34. The method of Claim 33, further comprising generating an availability of a corresponding parent seller by communicating component ATP requests to a fulfillment management system corresponding to the parent seller.

5 35. The method of Claim 22, wherein:  
receiving at least one component ATP request comprises receiving component ATP requests from multiple fulfillment servers; and  
communicating the component quotation comprises communicating component quotations to multiple fulfillment servers.

10 36. The method of Claim 22, wherein generating the component quotations for the component ATP requests comprises generating the component quotations based on allocations to products in a product hierarchy.

15 37. The method of Claim 22, wherein receiving at least one component ATP request comprises receiving at least one component ATP request through a web user interface.

20 38. The method of Claim 37, receiving at least one component ATP request comprises receiving at least one component ATP request using Hypertext Transfer Protocol (HTTP).

FOOTNOTES

39. Software for managing available-to-promise (ATP) data in a distributed supply chain planning environment, the software embodied in at least one computer-readable medium and when executed by one or more processors operable to:

5 receive at least one component ATP request, each component ATP request corresponding to an ATP request line-item for a desired product;

retrieve from a database at least a portion of product availability information associated with the desired product for each component ATP request;

10 determine an ATP response for each component ATP request using the retrieved product availability information;

generate a component quotation for each component ATP request according to the corresponding ATP response; and

communicate the component quotation for consolidation with other component quotations.

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40. A fulfillment management system, comprising:
- means for storing product availability information associated with at least one product;
  - means for receiving at least one component available-to-promise (ATP) request, each component ATP request corresponding to an ATP request line-item for a desired product;
  - means for retrieving from the database at least a portion of the product availability information associated with the desired product for each component ATP request;
  - means for determining an ATP response for each component ATP request using the retrieved product availability information;
  - means for generating a component quotation for each component ATP request according to the corresponding ATP response; and
  - means for communicating the component quotation for consolidation with other component quotations.